

November 22, 2006

Zane O'Connor
TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Subject: **Calscience Work Order No.: 06-11-0729**
Client Reference: PEMACO

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/10/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, which appears to read 'Virendra Patel', is enclosed within a hand-drawn oval.

Calscience Environmental
Laboratories, Inc.
Virendra Patel
Project Manager

Case Narrative for 06-11-0729

Sample Condition on Receipt

Two aqueous sample and eighteen soil samples were received as part of this Work Order on November 10, 2006. All samples were transferred to the laboratory in an ice-chest following strict chain-of-custody procedures. The temperature (3.1°C) of the samples was measured upon arrival in the laboratory and was within acceptable limits. The samples were logged into the Laboratory Information Management System (LIMS), given laboratory identification numbers, and stored in refrigeration units pending analysis.

Data Summary

The samples included in this report were analyzed in accordance with the attached chain-of custody (COC) record and the faxed COC received. Data is presented on a wet weight basis.

Holding Times

All holding time requirements were met.

Calibration

Frequency and control criteria for initial and continuing calibration verifications were met.

Blanks

The method blank data showed non-detectable levels, with the exception of trace levels of select constituents. Please see Table A below for details.

Table A: Trace levels present in associated method blanks	
EPA Method 8260B	
Batch #	Analyte(s)
061113L01	Methylene Chloride, Hexane & Isopropanol
061113L02	1,4-Dichlorobenzene, Methylene Chloride, Naphthalene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene & Isopropanol
061114L04	Chloroform & Hexane
061115L01	Acetone & Toluene

Matrix Spikes

Matrix Spikes (MS) and Matrix Spike Duplicates (MSD) were performed at required frequencies. All recoveries were within acceptable limits, with the exception of specific analytes by EPA Method 8260B. Please see Table B below for details.



Case Narrative for 06-11-0729

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
061113S01	Trichloroethene [‡] & Tert-Butyl Alcohol (TBA)

‡: As a direct result of the unacceptable recoveries for the MS and/or MSD, the relative percent difference was also outside acceptable limits. These recoveries have been flagged with a "4" qualifier.

Note that the corresponding Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recoveries were within control limits, indicating a matrix interference effect. Therefore, the data is released without further action or qualification.

Laboratory Control Samples

The Laboratory Control Sample (LCS) analyses were performed at the required frequencies. All recoveries were within acceptable limits.

Surrogates

Surrogate recoveries for all samples were within acceptable control limits.

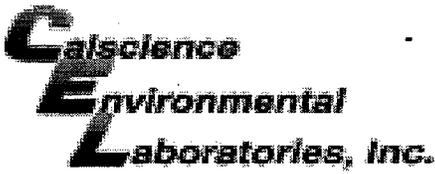


CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: 06-11-0729

QAPP: **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	TMP-26-25	S	11/09/2006	4	
2	TMP-26-30	S	11/09/2006	4	
3	TMP-26-35	S	11/09/2006	4	
4	TMP-26-40	S	11/09/2006	4	
5	TMP-26-45	S	11/09/2006	4	
6	TMP-26-50	S	11/10/2006	4	
7	TMP-26-55	S	11/10/2006	4	
8	TMP-26-60	S	11/10/2006	4	
9	TMP-26-65	S	11/10/2006	12	
10	TMP-26-70	S	11/10/2006	4	
11	TMP-26-75	S	11/10/2006	4	
12	TMP-26-80	S	11/10/2006	4	
13	TMP-26-85	S	11/10/2006	4	
14	TMP-26-90	S	11/10/2006	4	
15	TMP-26-95	S	11/10/2006	4	
16	TMP-26-100	S	11/10/2006	4	
17	TMP-26-40X	S	11/09/2006	4	
18	TMP-26-95X	S	11/10/2006	4	
19	EB-11.09.06	W	11/09/2006	3	
20	EB-11.10.06	W	11/10/2006	3	



WORK ORDER #: 06 - 11 - 0729

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: IN & A

DATE: 11/10/06

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- 3.1 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____

Not Present: [Signature]

Initial: [Signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VOA vial(s) free of headspace.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: [Signature]

COMMENTS:

Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

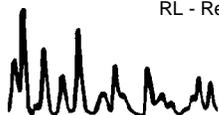
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-25	06-11-0729-1	11/09/06	Solid	11/09/06	11/12/06	061111L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	38	41	5.2	0.816	J	2,2-Dichloropropane	ND	4.1	0.37	0.816	
Benzene	3.0	0.8	0.11	0.816		1,1-Dichloropropene	ND	1.6	0.18	0.816	
Bromobenzene	ND	0.82	0.17	0.816		c-1,3-Dichloropropene	ND	0.82	0.15	0.816	
Bromochloromethane	ND	1.6	1.1	0.816		t-1,3-Dichloropropene	ND	1.6	1.6	0.816	
Bromodichloromethane	ND	0.82	0.12	0.816		Ethylbenzene	9.0	0.8	0.13	0.816	
Bromoform	ND	4.1	0.54	0.816		2-Hexanone	ND	16	4.6	0.816	
Bromomethane	ND	16	1.5	0.816		Isopropylbenzene	0.24	0.82	0.097	0.816	J
2-Butanone	ND	16	7.8	0.816		p-Isopropyltoluene	ND	0.82	0.094	0.816	
n-Butylbenzene	ND	0.82	0.18	0.816		Methylene Chloride	ND	8.2	4.2	0.816	
sec-Butylbenzene	0.14	0.82	0.084	0.816	J	4-Methyl-2-Pentanone	ND	16	1.7	0.816	
tert-Butylbenzene	ND	0.82	0.10	0.816		Naphthalene	ND	8.2	0.27	0.816	
Carbon Disulfide	0.97	8.2	0.14	0.816	J	n-Propylbenzene	ND	0.82	0.84	0.816	
Carbon Tetrachloride	ND	0.82	0.26	0.816		Styrene	ND	0.82	0.17	0.816	
Chlorobenzene	ND	0.82	0.12	0.816		1,1,1,2-Tetrachloroethane	ND	0.82	0.27	0.816	
Chloroethane	ND	1.6	0.34	0.816		1,1,2,2-Tetrachloroethane	ND	1.6	0.19	0.816	
Chloroform	ND	0.82	0.14	0.816		Tetrachloroethene	ND	0.82	0.14	0.816	
Chloromethane	ND	16	2.4	0.816		Toluene	140	1	0.12	0.816	
2-Chlorotoluene	ND	0.82	0.095	0.816		1,2,3-Trichlorobenzene	ND	1.6	0.17	0.816	
4-Chlorotoluene	ND	0.82	0.085	0.816		1,2,4-Trichlorobenzene	ND	1.6	0.15	0.816	
Dibromochloromethane	ND	1.6	0.16	0.816		1,1,1-Trichloroethane	ND	0.82	0.21	0.816	
1,2-Dibromo-3-Chloropropane	ND	4.1	3.0	0.816		1,1,2-Trichloroethane	ND	0.82	0.20	0.816	
1,2-Dibromoethane	ND	0.82	0.36	0.816		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.2	0.39	0.816	
Dibromomethane	ND	0.82	0.57	0.816		Trichloroethene	0.96	1.6	0.15	0.816	J
1,2-Dichlorobenzene	ND	0.82	0.10	0.816		Trichlorofluoromethane	ND	8.2	0.13	0.816	
1,3-Dichlorobenzene	ND	0.82	0.13	0.816		1,2,3-Trichloropropane	ND	1.6	0.53	0.816	
1,4-Dichlorobenzene	ND	0.82	0.13	0.816		1,2,4-Trimethylbenzene	5.8	1.6	0.095	0.816	
Dichlorodifluoromethane	ND	1.6	0.16	0.816		1,3,5-Trimethylbenzene	1.5	1.6	0.081	0.816	J
1,1-Dichloroethane	ND	0.82	0.13	0.816		Vinyl Acetate	ND	8.2	6.1	0.816	
1,2-Dichloroethane	ND	0.82	0.14	0.816		Vinyl Chloride	15	1	0.18	0.816	
1,1-Dichloroethene	ND	0.82	0.11	0.816		p/m-Xylene	60	2	0.16	0.816	
c-1,2-Dichloroethene	8.4	0.8	0.23	0.816		o-Xylene	14	1	0.094	0.816	
t-1,2-Dichloroethene	2.3	0.8	0.21	0.816		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.11	0.816	
1,2-Dichloropropane	ND	0.82	0.22	0.816		Hexane	0.63	0.82	0.085	0.816	J
1,3-Dichloropropane	ND	0.82	0.14	0.816		Isopropanol	ND	41	19	0.816	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	118	71-137				1,2-Dichloroethane-d4	147	58-160			
1,4-Bromofluorobenzene	100	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

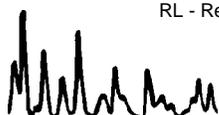
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-30	06-11-0729-2	11/09/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	37	4.7	0.733	J	2,2-Dichloropropane	ND	3.7	0.33	0.733	
Benzene	0.20	0.73	0.099	0.733	J	1,1-Dichloropropene	ND	1.5	0.16	0.733	
Bromobenzene	ND	0.73	0.15	0.733		c-1,3-Dichloropropene	ND	0.73	0.13	0.733	
Bromochloromethane	ND	1.5	1.0	0.733		t-1,3-Dichloropropene	ND	1.5	1.4	0.733	
Bromodichloromethane	ND	0.73	0.11	0.733		Ethylbenzene	ND	0.73	0.11	0.733	
Bromoform	ND	3.7	0.49	0.733		2-Hexanone	ND	15	4.1	0.733	
Bromomethane	ND	15	1.4	0.733		Isopropylbenzene	ND	0.73	0.087	0.733	
2-Butanone	ND	15	7.0	0.733		p-Isopropyltoluene	ND	0.73	0.085	0.733	
n-Butylbenzene	ND	0.73	0.16	0.733		Methylene Chloride	ND	7.3	3.8	0.733	
sec-Butylbenzene	ND	0.73	0.076	0.733		4-Methyl-2-Pentanone	ND	15	1.5	0.733	
tert-Butylbenzene	ND	0.73	0.090	0.733		Naphthalene	ND	7.3	0.24	0.733	
Carbon Disulfide	ND	7.3	0.13	0.733		n-Propylbenzene	ND	0.73	0.75	0.733	
Carbon Tetrachloride	ND	0.73	0.23	0.733		Styrene	ND	0.73	0.15	0.733	
Chlorobenzene	ND	0.73	0.11	0.733		1,1,1,2-Tetrachloroethane	ND	0.73	0.24	0.733	
Chloroethane	ND	1.5	0.30	0.733		1,1,2,2-Tetrachloroethane	ND	1.5	0.17	0.733	
Chloroform	ND	0.73	0.13	0.733		Tetrachloroethene	ND	0.73	0.12	0.733	
Chloromethane	ND	15	2.1	0.733		Toluene	ND	0.73	0.11	0.733	
2-Chlorotoluene	ND	0.73	0.085	0.733		1,2,3-Trichlorobenzene	ND	1.5	0.15	0.733	
4-Chlorotoluene	ND	0.73	0.076	0.733		1,2,4-Trichlorobenzene	ND	1.5	0.13	0.733	
Dibromochloromethane	ND	1.5	0.15	0.733		1,1,1-Trichloroethane	ND	0.73	0.19	0.733	
1,2-Dibromo-3-Chloropropane	ND	3.7	2.7	0.733		1,1,2-Trichloroethane	ND	0.73	0.18	0.733	
1,2-Dibromoethane	ND	0.73	0.33	0.733		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.3	0.35	0.733	
Dibromomethane	ND	0.73	0.51	0.733		Trichloroethene	130	2	0.13	0.733	
1,2-Dichlorobenzene	ND	0.73	0.094	0.733		Trichlorofluoromethane	ND	7.3	0.11	0.733	
1,3-Dichlorobenzene	ND	0.73	0.12	0.733		1,2,3-Trichloropropane	ND	1.5	0.48	0.733	
1,4-Dichlorobenzene	ND	0.73	0.11	0.733		1,2,4-Trimethylbenzene	ND	1.5	0.086	0.733	
Dichlorodifluoromethane	ND	1.5	0.14	0.733		1,3,5-Trimethylbenzene	ND	1.5	0.072	0.733	
1,1-Dichloroethane	ND	0.73	0.12	0.733		Vinyl Acetate	ND	7.3	5.5	0.733	
1,2-Dichloroethane	ND	0.73	0.12	0.733		Vinyl Chloride	5.2	0.7	0.16	0.733	
1,1-Dichloroethene	0.62	0.73	0.10	0.733	J	p/m-Xylene	ND	1.5	0.15	0.733	
c-1,2-Dichloroethene	99	1	0.21	0.733		o-Xylene	ND	0.73	0.084	0.733	
t-1,2-Dichloroethene	8.4	0.7	0.19	0.733		Methyl-t-Butyl Ether (MTBE)	ND	1.5	0.097	0.733	
1,2-Dichloropropane	ND	0.73	0.19	0.733		Hexane	ND	0.73	0.076	0.733	
1,3-Dichloropropane	ND	0.73	0.13	0.733		Isopropanol	ND	37	17	0.733	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	125	71-137				1,2-Dichloroethane-d4	135	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	95	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

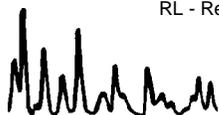
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-35	06-11-0729-3	11/09/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.2	42.0	5.3	0.832	J	2,2-Dichloropropane	ND	4.2	0.38	0.832	
Benzene	0.20	0.83	0.11	0.832	J	1,1-Dichloropropene	ND	1.7	0.18	0.832	
Bromobenzene	ND	0.83	0.17	0.832		c-1,3-Dichloropropene	ND	0.83	0.15	0.832	
Bromochloromethane	ND	1.7	1.2	0.832		t-1,3-Dichloropropene	ND	1.7	1.6	0.832	
Bromodichloromethane	ND	0.83	0.12	0.832		Ethylbenzene	ND	0.83	0.13	0.832	
Bromoform	ND	4.2	0.55	0.832		2-Hexanone	ND	17	4.7	0.832	
Bromomethane	ND	17	1.5	0.832		Isopropylbenzene	ND	0.83	0.099	0.832	
2-Butanone	ND	17	8.0	0.832		p-Isopropyltoluene	ND	0.83	0.096	0.832	
n-Butylbenzene	ND	0.83	0.18	0.832		Methylene Chloride	ND	8.3	4.3	0.832	
sec-Butylbenzene	ND	0.83	0.086	0.832		4-Methyl-2-Pentanone	ND	17	1.7	0.832	
tert-Butylbenzene	ND	0.83	0.10	0.832		Naphthalene	ND	8.3	0.27	0.832	
Carbon Disulfide	ND	8.3	0.15	0.832		n-Propylbenzene	ND	0.83	0.85	0.832	
Carbon Tetrachloride	ND	0.83	0.27	0.832		Styrene	ND	0.83	0.17	0.832	
Chlorobenzene	ND	0.83	0.12	0.832		1,1,1,2-Tetrachloroethane	ND	0.83	0.28	0.832	
Chloroethane	ND	1.7	0.35	0.832		1,1,2,2-Tetrachloroethane	ND	1.7	0.19	0.832	
Chloroform	ND	0.83	0.14	0.832		Tetrachloroethene	ND	0.83	0.14	0.832	
Chloromethane	ND	17	2.4	0.832		Toluene	0.13	0.83	0.12	0.832	J
2-Chlorotoluene	ND	0.83	0.097	0.832		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.832	
4-Chlorotoluene	ND	0.83	0.087	0.832		1,2,4-Trichlorobenzene	ND	1.7	0.15	0.832	
Dibromochloromethane	ND	1.7	0.17	0.832		1,1,1-Trichloroethane	ND	0.83	0.21	0.832	
1,2-Dibromo-3-Chloropropane	ND	4.2	3.1	0.832		1,1,2-Trichloroethane	ND	0.83	0.20	0.832	
1,2-Dibromoethane	ND	0.83	0.37	0.832		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.3	0.39	0.832	
Dibromomethane	ND	0.83	0.58	0.832		Trichloroethene	100	2	0.15	0.832	
1,2-Dichlorobenzene	ND	0.83	0.11	0.832		Trichlorofluoromethane	ND	8.3	0.13	0.832	
1,3-Dichlorobenzene	ND	0.83	0.14	0.832		1,2,3-Trichloropropane	ND	1.7	0.54	0.832	
1,4-Dichlorobenzene	ND	0.83	0.13	0.832		1,2,4-Trimethylbenzene	ND	1.7	0.097	0.832	
Dichlorodifluoromethane	ND	1.7	0.16	0.832		1,3,5-Trimethylbenzene	ND	1.7	0.082	0.832	
1,1-Dichloroethane	ND	0.83	0.13	0.832		Vinyl Acetate	ND	8.3	6.2	0.832	
1,2-Dichloroethane	ND	0.83	0.14	0.832		Vinyl Chloride	2.8	0.8	0.18	0.832	
1,1-Dichloroethene	0.70	0.83	0.12	0.832	J	p/m-Xylene	ND	1.7	0.17	0.832	
c-1,2-Dichloroethene	170	1	0.23	0.832		o-Xylene	ND	0.83	0.095	0.832	
t-1,2-Dichloroethene	15	1	0.21	0.832		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.832	
1,2-Dichloropropane	ND	0.83	0.22	0.832		Hexane	ND	0.83	0.087	0.832	
1,3-Dichloropropane	ND	0.83	0.15	0.832		Isopropanol	ND	42	19	0.832	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	126	71-137				1,2-Dichloroethane-d4	139	58-160			
1,4-Bromofluorobenzene	101	66-126				Toluene-d8	97	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

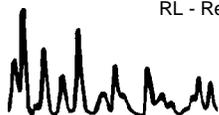
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-40	06-11-0729-4	11/09/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	16	45	5.8	0.901	J	2,2-Dichloropropane	ND	4.5	0.41	0.901	
Benzene	0.51	0.90	0.12	0.901	J	1,1-Dichloropropene	ND	1.8	0.20	0.901	
Bromobenzene	ND	0.90	0.19	0.901		c-1,3-Dichloropropene	ND	0.90	0.16	0.901	
Bromochloromethane	ND	1.8	1.2	0.901		t-1,3-Dichloropropene	ND	1.8	1.7	0.901	
Bromodichloromethane	ND	0.90	0.13	0.901		Ethylbenzene	ND	0.90	0.14	0.901	
Bromoform	ND	4.5	0.60	0.901		2-Hexanone	ND	18	5.0	0.901	
Bromomethane	ND	18	1.7	0.901		Isopropylbenzene	ND	0.90	0.11	0.901	
2-Butanone	ND	18	8.6	0.901		p-Isopropyltoluene	ND	0.90	0.10	0.901	
n-Butylbenzene	ND	0.90	0.20	0.901		Methylene Chloride	ND	9.0	4.7	0.901	
sec-Butylbenzene	ND	0.90	0.093	0.901		4-Methyl-2-Pentanone	ND	18	1.8	0.901	
tert-Butylbenzene	ND	0.90	0.11	0.901		Naphthalene	ND	9.0	0.29	0.901	
Carbon Disulfide	ND	9.0	0.16	0.901		n-Propylbenzene	ND	0.90	0.92	0.901	
Carbon Tetrachloride	ND	0.90	0.29	0.901		Styrene	ND	0.90	0.19	0.901	
Chlorobenzene	ND	0.90	0.13	0.901		1,1,1,2-Tetrachloroethane	ND	0.90	0.30	0.901	
Chloroethane	ND	1.8	0.37	0.901		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.901	
Chloroform	ND	0.90	0.16	0.901		Tetrachloroethene	0.18	0.90	0.15	0.901	J
Chloromethane	ND	18	2.6	0.901		Toluene	0.39	0.90	0.14	0.901	J
2-Chlorotoluene	ND	0.90	0.11	0.901		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.901	
4-Chlorotoluene	ND	0.90	0.094	0.901		1,2,4-Trichlorobenzene	ND	1.8	0.16	0.901	
Dibromochloromethane	ND	1.8	0.18	0.901		1,1,1-Trichloroethane	ND	0.90	0.23	0.901	
1,2-Dibromo-3-Chloropropane	ND	4.5	3.3	0.901		1,1,2-Trichloroethane	ND	0.90	0.22	0.901	
1,2-Dibromoethane	ND	0.90	0.40	0.901		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.0	0.43	0.901	
Dibromomethane	ND	0.90	0.63	0.901		Trichloroethene	110	2	0.16	0.901	
1,2-Dichlorobenzene	ND	0.90	0.12	0.901		Trichlorofluoromethane	ND	9.0	0.14	0.901	
1,3-Dichlorobenzene	ND	0.90	0.15	0.901		1,2,3-Trichloropropane	ND	1.8	0.59	0.901	
1,4-Dichlorobenzene	ND	0.90	0.14	0.901		1,2,4-Trimethylbenzene	ND	1.8	0.11	0.901	
Dichlorodifluoromethane	ND	1.8	0.17	0.901		1,3,5-Trimethylbenzene	ND	1.8	0.089	0.901	
1,1-Dichloroethane	ND	0.90	0.14	0.901		Vinyl Acetate	ND	9.0	6.7	0.901	
1,2-Dichloroethane	ND	0.90	0.15	0.901		Vinyl Chloride	0.65	0.90	0.19	0.901	J
1,1-Dichloroethene	0.15	0.90	0.13	0.901	J	p/m-Xylene	0.23	1.8	0.18	0.901	J
c-1,2-Dichloroethene	22	1	0.25	0.901		o-Xylene	ND	0.90	0.10	0.901	
t-1,2-Dichloroethene	2.4	0.9	0.23	0.901		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.901	
1,2-Dichloropropane	ND	0.90	0.24	0.901		Hexane	3.0	0.9	0.094	0.901	B
1,3-Dichloropropane	ND	0.90	0.16	0.901		Isopropanol	ND	45	21	0.901	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	124	71-137				1,2-Dichloroethane-d4	137	58-160			
1,4-Bromofluorobenzene	100	66-126				Toluene-d8	96	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

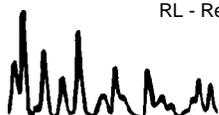
Page 5 of 29

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-45	06-11-0729-5	11/09/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	9.1	41.0	5.3	0.82	J	2,2-Dichloropropane	ND	4.1	0.37	0.82	
Benzene	0.28	0.82	0.11	0.82	J	1,1-Dichloropropene	ND	1.6	0.18	0.82	
Bromobenzene	ND	0.82	0.17	0.82		c-1,3-Dichloropropene	ND	0.82	0.15	0.82	
Bromochloromethane	ND	1.6	1.1	0.82		t-1,3-Dichloropropene	ND	1.6	1.6	0.82	
Bromodichloromethane	ND	0.82	0.12	0.82		Ethylbenzene	ND	0.82	0.13	0.82	
Bromoform	ND	4.1	0.54	0.82		2-Hexanone	ND	16	4.6	0.82	
Bromomethane	ND	16	1.5	0.82		Isopropylbenzene	ND	0.82	0.097	0.82	
2-Butanone	ND	16	7.8	0.82		p-Isopropyltoluene	ND	0.82	0.095	0.82	
n-Butylbenzene	ND	0.82	0.18	0.82		Methylene Chloride	ND	8.2	4.3	0.82	
sec-Butylbenzene	ND	0.82	0.085	0.82		4-Methyl-2-Pentanone	ND	16	1.7	0.82	
tert-Butylbenzene	ND	0.82	0.10	0.82		Naphthalene	ND	8.2	0.27	0.82	
Carbon Disulfide	ND	8.2	0.14	0.82		n-Propylbenzene	ND	0.82	0.84	0.82	
Carbon Tetrachloride	ND	0.82	0.26	0.82		Styrene	ND	0.82	0.17	0.82	
Chlorobenzene	ND	0.82	0.12	0.82		1,1,1,2-Tetrachloroethane	ND	0.82	0.27	0.82	
Chloroethane	ND	1.6	0.34	0.82		1,1,2,2-Tetrachloroethane	ND	1.6	0.19	0.82	
Chloroform	ND	0.82	0.14	0.82		Tetrachloroethene	ND	0.82	0.14	0.82	
Chloromethane	ND	16	2.4	0.82		Toluene	0.25	0.82	0.12	0.82	J
2-Chlorotoluene	ND	0.82	0.096	0.82		1,2,3-Trichlorobenzene	ND	1.6	0.17	0.82	
4-Chlorotoluene	ND	0.82	0.086	0.82		1,2,4-Trichlorobenzene	ND	1.6	0.15	0.82	
Dibromochloromethane	ND	1.6	0.16	0.82		1,1,1-Trichloroethane	ND	0.82	0.21	0.82	
1,2-Dibromo-3-Chloropropane	ND	4.1	3.0	0.82		1,1,2-Trichloroethane	ND	0.82	0.20	0.82	
1,2-Dibromoethane	ND	0.82	0.37	0.82		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.2	0.39	0.82	
Dibromomethane	ND	0.82	0.58	0.82		Trichloroethene	80	2	0.15	0.82	
1,2-Dichlorobenzene	ND	0.82	0.10	0.82		Trichlorofluoromethane	ND	8.2	0.13	0.82	
1,3-Dichlorobenzene	ND	0.82	0.13	0.82		1,2,3-Trichloropropane	ND	1.6	0.53	0.82	
1,4-Dichlorobenzene	ND	0.82	0.13	0.82		1,2,4-Trimethylbenzene	ND	1.6	0.096	0.82	
Dichlorodifluoromethane	ND	1.6	0.16	0.82		1,3,5-Trimethylbenzene	ND	1.6	0.081	0.82	
1,1-Dichloroethane	ND	0.82	0.13	0.82		Vinyl Acetate	ND	8.2	6.1	0.82	
1,2-Dichloroethane	ND	0.82	0.14	0.82		Vinyl Chloride	0.32	0.82	0.18	0.82	J
1,1-Dichloroethene	ND	0.82	0.11	0.82		p/m-Xylene	ND	1.6	0.17	0.82	
c-1,2-Dichloroethene	14	1	0.23	0.82		o-Xylene	ND	0.82	0.094	0.82	
t-1,2-Dichloroethene	0.61	0.82	0.21	0.82	J	Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.11	0.82	
1,2-Dichloropropane	ND	0.82	0.22	0.82		Hexane	2.0	0.8	0.085	0.82	B
1,3-Dichloropropane	ND	0.82	0.14	0.82		Isopropanol	ND	41	19	0.82	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	130	71-137				1,2-Dichloroethane-d4	143	58-160			
1,4-Bromofluorobenzene	99	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

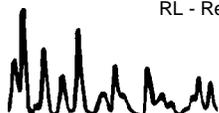
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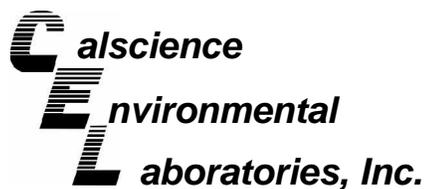
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-50	06-11-0729-6	11/10/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	14	35	4.5	0.705	J	2,2-Dichloropropane	ND	3.5	0.32	0.705	
Benzene	1.7	0.7	0.095	0.705		1,1-Dichloropropene	ND	1.4	0.16	0.705	
Bromobenzene	ND	0.71	0.15	0.705		c-1,3-Dichloropropene	ND	0.71	0.13	0.705	
Bromochloromethane	ND	1.4	0.97	0.705		t-1,3-Dichloropropene	ND	1.4	1.3	0.705	
Bromodichloromethane	ND	0.71	0.10	0.705		Ethylbenzene	0.26	0.71	0.11	0.705	J
Bromoform	ND	3.5	0.47	0.705		2-Hexanone	ND	14	3.9	0.705	
Bromomethane	ND	14	1.3	0.705		Isopropylbenzene	ND	0.71	0.084	0.705	
2-Butanone	ND	14	6.7	0.705		p-Isopropyltoluene	ND	0.71	0.081	0.705	
n-Butylbenzene	ND	0.71	0.16	0.705		Methylene Chloride	ND	7.1	3.7	0.705	
sec-Butylbenzene	ND	0.71	0.073	0.705		4-Methyl-2-Pentanone	ND	14	1.4	0.705	
tert-Butylbenzene	ND	0.71	0.087	0.705		Naphthalene	0.62	7.1	0.23	0.705	J
Carbon Disulfide	ND	7.1	0.12	0.705		n-Propylbenzene	ND	0.71	0.72	0.705	
Carbon Tetrachloride	ND	0.71	0.22	0.705		Styrene	ND	0.71	0.15	0.705	
Chlorobenzene	ND	0.71	0.11	0.705		1,1,1,2-Tetrachloroethane	ND	0.71	0.23	0.705	
Chloroethane	ND	1.4	0.29	0.705		1,1,2,2-Tetrachloroethane	ND	1.4	0.16	0.705	
Chloroform	ND	0.71	0.12	0.705		Tetrachloroethene	0.21	0.71	0.12	0.705	J
Chloromethane	ND	14	2.1	0.705		Toluene	1.0	0.7	0.11	0.705	
2-Chlorotoluene	ND	0.71	0.082	0.705		1,2,3-Trichlorobenzene	0.34	1.4	0.14	0.705	J
4-Chlorotoluene	ND	0.71	0.074	0.705		1,2,4-Trichlorobenzene	0.24	1.4	0.13	0.705	J
Dibromochloromethane	ND	1.4	0.14	0.705		1,1,1-Trichloroethane	ND	0.71	0.18	0.705	
1,2-Dibromo-3-Chloropropane	ND	3.5	2.6	0.705		1,1,2-Trichloroethane	ND	0.71	0.17	0.705	
1,2-Dibromoethane	ND	0.71	0.32	0.705		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.1	0.33	0.705	
Dibromomethane	ND	0.71	0.49	0.705		Trichloroethene	390	1	0.13	0.705	E
1,2-Dichlorobenzene	ND	0.71	0.090	0.705		Trichlorofluoromethane	ND	7.1	0.11	0.705	
1,3-Dichlorobenzene	ND	0.71	0.12	0.705		1,2,3-Trichloropropane	ND	1.4	0.46	0.705	
1,4-Dichlorobenzene	0.12	0.71	0.11	0.705	J	1,2,4-Trimethylbenzene	0.11	1.4	0.082	0.705	J
Dichlorodifluoromethane	ND	1.4	0.14	0.705		1,3,5-Trimethylbenzene	ND	1.4	0.070	0.705	
1,1-Dichloroethane	0.13	0.71	0.11	0.705	J	Vinyl Acetate	ND	7.1	5.3	0.705	
1,2-Dichloroethane	ND	0.71	0.12	0.705		Vinyl Chloride	5.0	0.7	0.15	0.705	
1,1-Dichloroethene	0.85	0.71	0.098	0.705		p/m-Xylene	0.44	1.4	0.14	0.705	J
c-1,2-Dichloroethene	54	1	0.20	0.705		o-Xylene	0.20	0.71	0.081	0.705	J
t-1,2-Dichloroethene	2.1	0.7	0.18	0.705		Methyl-t-Butyl Ether (MTBE)	ND	1.4	0.094	0.705	
1,2-Dichloropropane	ND	0.71	0.19	0.705		Hexane	29	1	0.073	0.705	B
1,3-Dichloropropane	ND	0.71	0.12	0.705		Isopropanol	ND	35	16	0.705	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	115	71-137				1,2-Dichloroethane-d4	126	58-160			
1,4-Bromofluorobenzene	102	66-126				Toluene-d8	96	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-50	06-11-0729-6	11/10/06	Solid	11/09/06	11/13/06	061113L02

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual			
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	460	100	9.2	51				
Dibromofluoromethane	116	71-137			1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

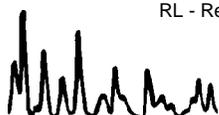
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-55	06-11-0729-7	11/10/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	25	46	5.9	0.923	J	2,2-Dichloropropane	ND	4.6	0.42	0.923	
Benzene	0.83	0.92	0.12	0.923	J	1,1-Dichloropropene	ND	1.8	0.20	0.923	
Bromobenzene	ND	0.92	0.19	0.923		c-1,3-Dichloropropene	ND	0.92	0.17	0.923	
Bromochloromethane	ND	1.8	1.3	0.923		t-1,3-Dichloropropene	ND	1.8	1.8	0.923	
Bromodichloromethane	ND	0.92	0.14	0.923		Ethylbenzene	ND	0.92	0.14	0.923	
Bromoform	ND	4.6	0.61	0.923		2-Hexanone	ND	18	5.2	0.923	
Bromomethane	ND	18	1.7	0.923		Isopropylbenzene	ND	0.92	0.11	0.923	
2-Butanone	ND	18	8.8	0.923		p-Isopropyltoluene	ND	0.92	0.11	0.923	
n-Butylbenzene	ND	0.92	0.21	0.923		Methylene Chloride	ND	9.2	4.8	0.923	
sec-Butylbenzene	ND	0.92	0.095	0.923		4-Methyl-2-Pentanone	ND	18	1.9	0.923	
tert-Butylbenzene	ND	0.92	0.11	0.923		Naphthalene	ND	9.2	0.30	0.923	
Carbon Disulfide	ND	9.2	0.16	0.923		n-Propylbenzene	ND	0.92	0.94	0.923	
Carbon Tetrachloride	ND	0.92	0.29	0.923		Styrene	ND	0.92	0.19	0.923	
Chlorobenzene	ND	0.92	0.14	0.923		1,1,1,2-Tetrachloroethane	ND	0.92	0.31	0.923	
Chloroethane	ND	1.8	0.38	0.923		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.923	
Chloroform	ND	0.92	0.16	0.923		Tetrachloroethene	ND	0.92	0.16	0.923	
Chloromethane	ND	18	2.7	0.923		Toluene	0.55	0.92	0.14	0.923	J
2-Chlorotoluene	ND	0.92	0.11	0.923		1,2,3-Trichlorobenzene	ND	1.8	0.19	0.923	
4-Chlorotoluene	ND	0.92	0.096	0.923		1,2,4-Trichlorobenzene	ND	1.8	0.17	0.923	
Dibromochloromethane	ND	1.8	0.18	0.923		1,1,1-Trichloroethane	ND	0.92	0.23	0.923	
1,2-Dibromo-3-Chloropropane	ND	4.6	3.4	0.923		1,1,2-Trichloroethane	ND	0.92	0.22	0.923	
1,2-Dibromoethane	ND	0.92	0.41	0.923		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.2	0.44	0.923	
Dibromomethane	ND	0.92	0.65	0.923		Trichloroethene	49	2	0.17	0.923	
1,2-Dichlorobenzene	ND	0.92	0.12	0.923		Trichlorofluoromethane	ND	9.2	0.14	0.923	
1,3-Dichlorobenzene	ND	0.92	0.15	0.923		1,2,3-Trichloropropane	ND	1.8	0.60	0.923	
1,4-Dichlorobenzene	ND	0.92	0.14	0.923		1,2,4-Trimethylbenzene	ND	1.8	0.11	0.923	
Dichlorodifluoromethane	ND	1.8	0.18	0.923		1,3,5-Trimethylbenzene	ND	1.8	0.091	0.923	
1,1-Dichloroethane	ND	0.92	0.15	0.923		Vinyl Acetate	ND	9.2	6.9	0.923	
1,2-Dichloroethane	ND	0.92	0.16	0.923		Vinyl Chloride	0.36	0.92	0.20	0.923	J
1,1-Dichloroethene	ND	0.92	0.13	0.923		p/m-Xylene	0.22	1.8	0.19	0.923	J
c-1,2-Dichloroethene	8.5	0.9	0.26	0.923		o-Xylene	ND	0.92	0.11	0.923	
t-1,2-Dichloroethene	ND	0.92	0.23	0.923		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.923	
1,2-Dichloropropane	ND	0.92	0.25	0.923		Hexane	3.0	0.9	0.096	0.923	B
1,3-Dichloropropane	ND	0.92	0.16	0.923		Isopropanol	ND	46	21	0.923	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	124	71-137				1,2-Dichloroethane-d4	132	58-160			
1,4-Bromofluorobenzene	101	66-126				Toluene-d8	94	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

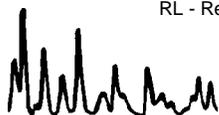
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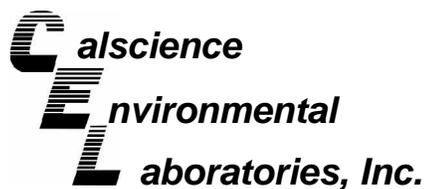
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-60	06-11-0729-8	11/10/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	12	52	6.7	1.04	J	2,2-Dichloropropane	ND	5.2	0.47	1.04	
Benzene	1.2	1.0	0.14	1.04		1,1-Dichloropropene	ND	2.1	0.23	1.04	
Bromobenzene	ND	1.0	0.22	1.04		c-1,3-Dichloropropene	ND	1.0	0.19	1.04	
Bromochloromethane	ND	2.1	1.4	1.04		t-1,3-Dichloropropene	ND	2.1	2.0	1.04	
Bromodichloromethane	ND	1.0	0.15	1.04		Ethylbenzene	ND	1.0	0.16	1.04	
Bromoform	ND	5.2	0.69	1.04		2-Hexanone	ND	21	5.8	1.04	
Bromomethane	ND	21	1.9	1.04		Isopropylbenzene	ND	1.0	0.12	1.04	
2-Butanone	ND	21	9.9	1.04		p-Isopropyltoluene	ND	1.0	0.12	1.04	
n-Butylbenzene	ND	1.0	0.23	1.04		Methylene Chloride	ND	10	5.4	1.04	
sec-Butylbenzene	ND	1.0	0.11	1.04		4-Methyl-2-Pentanone	ND	21	2.1	1.04	
tert-Butylbenzene	ND	1.0	0.13	1.04		Naphthalene	ND	10	0.34	1.04	
Carbon Disulfide	0.23	10.00	0.18	1.04	J	n-Propylbenzene	ND	1.0	1.1	1.04	
Carbon Tetrachloride	ND	1.0	0.33	1.04		Styrene	ND	1.0	0.21	1.04	
Chlorobenzene	ND	1.0	0.16	1.04		1,1,1,2-Tetrachloroethane	ND	1.0	0.35	1.04	
Chloroethane	ND	2.1	0.43	1.04		1,1,2,2-Tetrachloroethane	ND	2.1	0.24	1.04	
Chloroform	ND	1.0	0.18	1.04		Tetrachloroethene	ND	1.0	0.18	1.04	
Chloromethane	ND	21	3.0	1.04		Toluene	0.97	1.0	0.16	1.04	J
2-Chlorotoluene	ND	1.0	0.12	1.04		1,2,3-Trichlorobenzene	ND	2.1	0.21	1.04	
4-Chlorotoluene	ND	1.0	0.11	1.04		1,2,4-Trichlorobenzene	ND	2.1	0.19	1.04	
Dibromochloromethane	ND	2.1	0.21	1.04		1,1,1-Trichloroethane	ND	1.0	0.26	1.04	
1,2-Dibromo-3-Chloropropane	ND	5.2	3.8	1.04		1,1,2-Trichloroethane	ND	1.0	0.25	1.04	
1,2-Dibromoethane	ND	1.0	0.47	1.04		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.49	1.04	
Dibromomethane	ND	1.0	0.73	1.04		Trichloroethene	460	2	0.19	1.04	E
1,2-Dichlorobenzene	ND	1.0	0.13	1.04		Trichlorofluoromethane	ND	10	0.16	1.04	
1,3-Dichlorobenzene	ND	1.0	0.17	1.04		1,2,3-Trichloropropane	ND	2.1	0.68	1.04	
1,4-Dichlorobenzene	ND	1.0	0.16	1.04		1,2,4-Trimethylbenzene	ND	2.1	0.12	1.04	
Dichlorodifluoromethane	ND	2.1	0.20	1.04		1,3,5-Trimethylbenzene	ND	2.1	0.10	1.04	
1,1-Dichloroethane	ND	1.0	0.17	1.04		Vinyl Acetate	ND	10	7.8	1.04	
1,2-Dichloroethane	ND	1.0	0.18	1.04		Vinyl Chloride	4.0	1.0	0.22	1.04	
1,1-Dichloroethene	0.82	1.0	0.14	1.04	J	p/m-Xylene	0.28	2.1	0.21	1.04	J
c-1,2-Dichloroethene	61	1	0.29	1.04		o-Xylene	ND	1.0	0.12	1.04	
t-1,2-Dichloroethene	1.1	1.0	0.26	1.04		Methyl-t-Butyl Ether (MTBE)	ND	2.1	0.14	1.04	
1,2-Dichloropropane	ND	1.0	0.28	1.04		Hexane	1.6	1.0	0.11	1.04	B
1,3-Dichloropropane	ND	1.0	0.18	1.04		Isopropanol	ND	52	24	1.04	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	120	71-137				1,2-Dichloroethane-d4	128	58-160			
1,4-Bromofluorobenzene	100	66-126				Toluene-d8	97	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-60	06-11-0729-8	11/10/06	Solid	11/09/06	11/13/06	061113L02

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	500	79	7.2	39.7					
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	118	58-160	
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	98	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

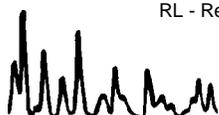
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-65	06-11-0729-9	11/10/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	42	5.4	0.839	J	2,2-Dichloropropane	ND	4.2	0.38	0.839	
Benzene	0.52	0.84	0.11	0.839	J	1,1-Dichloropropene	ND	1.7	0.19	0.839	
Bromobenzene	ND	0.84	0.18	0.839		c-1,3-Dichloropropene	ND	0.84	0.15	0.839	
Bromochloromethane	ND	1.7	1.2	0.839		t-1,3-Dichloropropene	ND	1.7	1.6	0.839	
Bromodichloromethane	ND	0.84	0.12	0.839		Ethylbenzene	ND	0.84	0.13	0.839	
Bromoform	ND	4.2	0.56	0.839		2-Hexanone	ND	17	4.7	0.839	
Bromomethane	ND	17	1.5	0.839		Isopropylbenzene	ND	0.84	0.099	0.839	
2-Butanone	ND	17	8.0	0.839		p-Isopropyltoluene	ND	0.84	0.097	0.839	
n-Butylbenzene	ND	0.84	0.19	0.839		Methylene Chloride	ND	8.4	4.3	0.839	
sec-Butylbenzene	ND	0.84	0.087	0.839		4-Methyl-2-Pentanone	ND	17	1.7	0.839	
tert-Butylbenzene	ND	0.84	0.10	0.839		Naphthalene	ND	8.4	0.27	0.839	
Carbon Disulfide	ND	8.4	0.15	0.839		n-Propylbenzene	ND	0.84	0.86	0.839	
Carbon Tetrachloride	ND	0.84	0.27	0.839		Styrene	ND	0.84	0.17	0.839	
Chlorobenzene	ND	0.84	0.13	0.839		1,1,1,2-Tetrachloroethane	ND	0.84	0.28	0.839	
Chloroethane	ND	1.7	0.35	0.839		1,1,2,2-Tetrachloroethane	ND	1.7	0.19	0.839	
Chloroform	ND	0.84	0.14	0.839		Tetrachloroethene	ND	0.84	0.14	0.839	
Chloromethane	ND	17	2.4	0.839		Toluene	0.34	0.84	0.13	0.839	J
2-Chlorotoluene	ND	0.84	0.098	0.839		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.839	
4-Chlorotoluene	ND	0.84	0.087	0.839		1,2,4-Trichlorobenzene	ND	1.7	0.15	0.839	
Dibromochloromethane	ND	1.7	0.17	0.839		1,1,1-Trichloroethane	ND	0.84	0.21	0.839	
1,2-Dibromo-3-Chloropropane	ND	4.2	3.1	0.839		1,1,2-Trichloroethane	ND	0.84	0.20	0.839	
1,2-Dibromoethane	ND	0.84	0.38	0.839		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.4	0.40	0.839	
Dibromomethane	ND	0.84	0.59	0.839		Trichloroethene	130	2	0.15	0.839	
1,2-Dichlorobenzene	ND	0.84	0.11	0.839		Trichlorofluoromethane	ND	8.4	0.13	0.839	
1,3-Dichlorobenzene	ND	0.84	0.14	0.839		1,2,3-Trichloropropane	ND	1.7	0.55	0.839	
1,4-Dichlorobenzene	ND	0.84	0.13	0.839		1,2,4-Trimethylbenzene	ND	1.7	0.098	0.839	
Dichlorodifluoromethane	ND	1.7	0.16	0.839		1,3,5-Trimethylbenzene	ND	1.7	0.083	0.839	
1,1-Dichloroethane	ND	0.84	0.13	0.839		Vinyl Acetate	ND	8.4	6.3	0.839	
1,2-Dichloroethane	ND	0.84	0.14	0.839		Vinyl Chloride	0.92	0.84	0.18	0.839	
1,1-Dichloroethene	0.24	0.84	0.12	0.839	J	p/m-Xylene	ND	1.7	0.17	0.839	
c-1,2-Dichloroethene	25	1	0.24	0.839		o-Xylene	ND	0.84	0.096	0.839	
t-1,2-Dichloroethene	0.33	0.84	0.21	0.839	J	Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.839	
1,2-Dichloropropane	ND	0.84	0.22	0.839		Hexane	0.27	0.84	0.087	0.839	J,B
1,3-Dichloropropane	ND	0.84	0.15	0.839		Isopropanol	23	42	19	0.839	J
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	119	71-137				1,2-Dichloroethane-d4	131	58-160			
1,4-Bromofluorobenzene	99	66-126				Toluene-d8	95	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

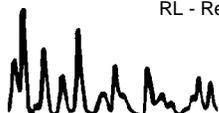
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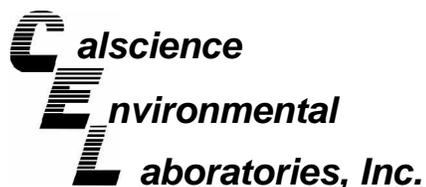
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-70	06-11-0729-10	11/10/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	20	44	5.7	0.887	J	2,2-Dichloropropane	ND	4.4	0.41	0.887	
Benzene	7.3	0.9	0.12	0.887		1,1-Dichloropropene	ND	1.8	0.20	0.887	
Bromobenzene	ND	0.89	0.19	0.887		c-1,3-Dichloropropene	ND	0.89	0.16	0.887	
Bromochloromethane	ND	1.8	1.2	0.887		t-1,3-Dichloropropene	ND	1.8	1.7	0.887	
Bromodichloromethane	ND	0.89	0.13	0.887		Ethylbenzene	0.50	0.89	0.14	0.887	J
Bromoform	ND	4.4	0.59	0.887		2-Hexanone	ND	18	5.0	0.887	
Bromomethane	ND	18	1.6	0.887		Isopropylbenzene	ND	0.89	0.11	0.887	
2-Butanone	14	18	8.5	0.887	J	p-Isopropyltoluene	ND	0.89	0.10	0.887	
n-Butylbenzene	ND	0.89	0.20	0.887		Methylene Chloride	ND	8.9	4.6	0.887	
sec-Butylbenzene	ND	0.89	0.092	0.887		4-Methyl-2-Pentanone	ND	18	1.8	0.887	
tert-Butylbenzene	ND	0.89	0.11	0.887		Naphthalene	0.41	8.9	0.29	0.887	J
Carbon Disulfide	ND	8.9	0.16	0.887		n-Propylbenzene	ND	0.89	0.91	0.887	
Carbon Tetrachloride	ND	0.89	0.28	0.887		Styrene	ND	0.89	0.18	0.887	
Chlorobenzene	ND	0.89	0.13	0.887		1,1,1,2-Tetrachloroethane	ND	0.89	0.30	0.887	
Chloroethane	ND	1.8	0.37	0.887		1,1,2,2-Tetrachloroethane	ND	1.8	0.20	0.887	
Chloroform	ND	0.89	0.15	0.887		Tetrachloroethene	0.69	0.89	0.15	0.887	J
Chloromethane	ND	18	2.6	0.887		Toluene	4.4	0.9	0.13	0.887	
2-Chlorotoluene	ND	0.89	0.10	0.887		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.887	
4-Chlorotoluene	ND	0.89	0.092	0.887		1,2,4-Trichlorobenzene	ND	1.8	0.16	0.887	
Dibromochloromethane	ND	1.8	0.18	0.887		1,1,1-Trichloroethane	ND	0.89	0.22	0.887	
1,2-Dibromo-3-Chloropropane	ND	4.4	3.3	0.887		1,1,2-Trichloroethane	ND	0.89	0.21	0.887	
1,2-Dibromoethane	ND	0.89	0.40	0.887		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.9	0.42	0.887	
Dibromomethane	ND	0.89	0.62	0.887		Trichloroethene	1900	2	0.16	0.887	E
1,2-Dichlorobenzene	ND	0.89	0.11	0.887		Trichlorofluoromethane	ND	8.9	0.14	0.887	
1,3-Dichlorobenzene	ND	0.89	0.14	0.887		1,2,3-Trichloropropane	ND	1.8	0.58	0.887	
1,4-Dichlorobenzene	ND	0.89	0.14	0.887		1,2,4-Trimethylbenzene	0.28	1.8	0.10	0.887	J
Dichlorodifluoromethane	ND	1.8	0.17	0.887		1,3,5-Trimethylbenzene	ND	1.8	0.088	0.887	
1,1-Dichloroethane	0.17	0.89	0.14	0.887	J	Vinyl Acetate	ND	8.9	6.6	0.887	
1,2-Dichloroethane	ND	0.89	0.15	0.887		Vinyl Chloride	19	1	0.19	0.887	
1,1-Dichloroethene	2.2	0.9	0.12	0.887		p/m-Xylene	1.4	1.8	0.18	0.887	J
c-1,2-Dichloroethene	150	1	0.25	0.887		o-Xylene	0.30	0.89	0.10	0.887	J
t-1,2-Dichloroethene	3.4	0.9	0.22	0.887		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.887	
1,2-Dichloropropane	ND	0.89	0.24	0.887		Hexane	0.33	0.89	0.092	0.887	J,B
1,3-Dichloropropane	ND	0.89	0.16	0.887		Isopropanol	ND	44	20	0.887	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	126	58-160			
1,4-Bromofluorobenzene	99	66-126				Toluene-d8	100	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-70	06-11-0729-10	11/10/06	Solid	11/09/06	11/13/06	061113L02

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual			
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	1600	100	9.3	51.1				
Dibromofluoromethane	115	71-137			1,2-Dichloroethane-d4	118	58-160	
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

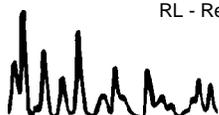
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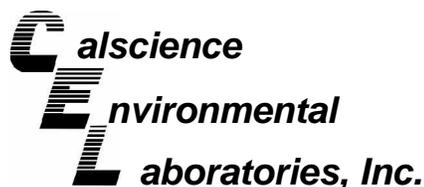
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-75	06-11-0729-11	11/10/06	Solid	11/09/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	18	48	6.2	0.963	J	2,2-Dichloropropane	ND	4.8	0.44	0.963	
Benzene	2.7	1.0	0.13	0.963		1,1-Dichloropropene	ND	1.9	0.21	0.963	
Bromobenzene	ND	0.96	0.20	0.963		c-1,3-Dichloropropene	ND	0.96	0.18	0.963	
Bromochloromethane	ND	1.9	1.3	0.963		t-1,3-Dichloropropene	ND	1.9	1.8	0.963	
Bromodichloromethane	ND	0.96	0.14	0.963		Ethylbenzene	0.23	0.96	0.15	0.963	J
Bromoform	ND	4.8	0.64	0.963		2-Hexanone	ND	19	5.4	0.963	
Bromomethane	ND	19	1.8	0.963		Isopropylbenzene	ND	0.96	0.11	0.963	
2-Butanone	ND	19	9.2	0.963		p-Isopropyltoluene	ND	0.96	0.11	0.963	
n-Butylbenzene	ND	0.96	0.21	0.963		Methylene Chloride	ND	9.6	5.0	0.963	
sec-Butylbenzene	ND	0.96	0.099	0.963		4-Methyl-2-Pentanone	ND	19	2.0	0.963	
tert-Butylbenzene	ND	0.96	0.12	0.963		Naphthalene	ND	9.6	0.31	0.963	
Carbon Disulfide	ND	9.6	0.17	0.963		n-Propylbenzene	ND	0.96	0.99	0.963	
Carbon Tetrachloride	ND	0.96	0.31	0.963		Styrene	ND	0.96	0.20	0.963	
Chlorobenzene	ND	0.96	0.14	0.963		1,1,1,2-Tetrachloroethane	ND	0.96	0.32	0.963	
Chloroethane	ND	1.9	0.40	0.963		1,1,2,2-Tetrachloroethane	ND	1.9	0.22	0.963	
Chloroform	ND	0.96	0.17	0.963		Tetrachloroethene	0.76	0.96	0.16	0.963	J
Chloromethane	ND	19	2.8	0.963		Toluene	1.8	1.0	0.14	0.963	
2-Chlorotoluene	ND	0.96	0.11	0.963		1,2,3-Trichlorobenzene	ND	1.9	0.20	0.963	
4-Chlorotoluene	ND	0.96	0.10	0.963		1,2,4-Trichlorobenzene	ND	1.9	0.18	0.963	
Dibromochloromethane	ND	1.9	0.19	0.963		1,1,1-Trichloroethane	ND	0.96	0.24	0.963	
1,2-Dibromo-3-Chloropropane	ND	4.8	3.5	0.963		1,1,2-Trichloroethane	ND	0.96	0.23	0.963	
1,2-Dibromoethane	ND	0.96	0.43	0.963		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.6	0.45	0.963	
Dibromomethane	ND	0.96	0.68	0.963		Trichloroethene	2900	2	0.17	0.963	E
1,2-Dichlorobenzene	ND	0.96	0.12	0.963		Trichlorofluoromethane	ND	9.6	0.15	0.963	
1,3-Dichlorobenzene	ND	0.96	0.16	0.963		1,2,3-Trichloropropane	ND	1.9	0.63	0.963	
1,4-Dichlorobenzene	ND	0.96	0.15	0.963		1,2,4-Trimethylbenzene	ND	1.9	0.11	0.963	
Dichlorodifluoromethane	ND	1.9	0.19	0.963		1,3,5-Trimethylbenzene	ND	1.9	0.095	0.963	
1,1-Dichloroethane	ND	0.96	0.15	0.963		Vinyl Acetate	ND	9.6	7.2	0.963	
1,2-Dichloroethane	ND	0.96	0.16	0.963		Vinyl Chloride	2.1	1.0	0.21	0.963	
1,1-Dichloroethene	1.7	1.0	0.13	0.963		p/m-Xylene	0.32	1.9	0.19	0.963	J
c-1,2-Dichloroethene	15	1	0.27	0.963		o-Xylene	ND	0.96	0.11	0.963	
t-1,2-Dichloroethene	2.6	1.0	0.24	0.963		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.13	0.963	
1,2-Dichloropropane	ND	0.96	0.26	0.963		Hexane	0.41	0.96	0.10	0.963	J,B
1,3-Dichloropropane	ND	0.96	0.17	0.963		Isopropanol	ND	48	22	0.963	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	116	71-137				1,2-Dichloroethane-d4	124	58-160			
1,4-Bromofluorobenzene	96	66-126				Toluene-d8	100	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-75	06-11-0729-11	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual			
Trichloroethene	4100	160	15	81.6				
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	105	58-160	
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

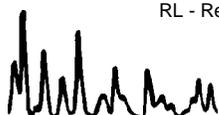
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-80	06-11-0729-12	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2300	300	46.1		2,2-Dichloropropane	ND	230	21	46.1	
Benzene	ND	46	6.2	46.1		1,1-Dichloropropene	ND	92	10	46.1	
Bromobenzene	ND	46	9.6	46.1		c-1,3-Dichloropropene	ND	46	8.4	46.1	
Bromochloromethane	ND	92	64	46.1		t-1,3-Dichloropropene	ND	92	88	46.1	
Bromodichloromethane	ND	46	6.8	46.1		Ethylbenzene	ND	46	7.1	46.1	
Bromoform	ND	230	31	46.1		2-Hexanone	ND	920	260	46.1	
Bromomethane	ND	920	85	46.1		Isopropylbenzene	ND	46	5.5	46.1	
2-Butanone	ND	920	440	46.1		p-Isopropyltoluene	ND	46	5.3	46.1	
n-Butylbenzene	ND	46	10	46.1		Methylene Chloride	440	460	240	46.1	J,B
sec-Butylbenzene	ND	46	4.8	46.1		4-Methyl-2-Pentanone	ND	920	94	46.1	
tert-Butylbenzene	ND	46	5.7	46.1		Naphthalene	ND	460	15	46.1	
Carbon Disulfide	ND	460	8.1	46.1		n-Propylbenzene	ND	46	47	46.1	
Carbon Tetrachloride	ND	46	15	46.1		Styrene	ND	46	9.5	46.1	
Chlorobenzene	ND	46	6.9	46.1		1,1,1,2-Tetrachloroethane	ND	46	15	46.1	
Chloroethane	ND	92	19	46.1		1,1,2,2-Tetrachloroethane	ND	92	11	46.1	
Chloroform	ND	46	8.0	46.1		Tetrachloroethene	ND	46	7.8	46.1	
Chloromethane	ND	920	130	46.1		Toluene	ND	46	6.9	46.1	
2-Chlorotoluene	ND	46	5.4	46.1		1,2,3-Trichlorobenzene	ND	92	9.4	46.1	
4-Chlorotoluene	ND	46	4.8	46.1		1,2,4-Trichlorobenzene	ND	92	8.4	46.1	
Dibromochloromethane	ND	92	9.2	46.1		1,1,1-Trichloroethane	ND	46	12	46.1	
1,2-Dibromo-3-Chloropropane	ND	230	170	46.1		1,1,2-Trichloroethane	ND	46	11	46.1	
1,2-Dibromoethane	ND	46	21	46.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	460	22	46.1	
Dibromomethane	ND	46	32	46.1		Trichloroethene	2200	92	8.3	46.1	
1,2-Dichlorobenzene	ND	46	5.9	46.1		Trichlorofluoromethane	ND	460	7.2	46.1	
1,3-Dichlorobenzene	ND	46	7.5	46.1		1,2,3-Trichloropropane	ND	92	30	46.1	
1,4-Dichlorobenzene	ND	46	7.1	46.1		1,2,4-Trimethylbenzene	ND	92	5.4	46.1	
Dichlorodifluoromethane	ND	92	8.9	46.1		1,3,5-Trimethylbenzene	ND	92	4.6	46.1	
1,1-Dichloroethane	ND	46	7.3	46.1		Vinyl Acetate	ND	460	340	46.1	
1,2-Dichloroethane	ND	46	7.9	46.1		Vinyl Chloride	ND	46	9.9	46.1	
1,1-Dichloroethene	ND	46	6.4	46.1		p/m-Xylene	ND	92	9.3	46.1	
c-1,2-Dichloroethene	ND	46	13	46.1		o-Xylene	ND	46	5.3	46.1	
t-1,2-Dichloroethene	ND	46	12	46.1		Methyl-t-Butyl Ether (MTBE)	ND	92	6.1	46.1	
1,2-Dichloropropane	ND	46	12	46.1		Hexane	27	46	4.8	46.1	J,B
1,3-Dichloropropane	ND	46	8.1	46.1		Isopropanol	ND	2300	1100	46.1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	99	71-137				1,2-Dichloroethane-d4	104	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

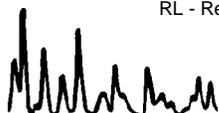
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-85	06-11-0729-13	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2400	300	47.4		2,2-Dichloropropane	ND	240	22	47.4	
Benzene	ND	47	6.4	47.4		1,1-Dichloropropene	ND	95	10	47.4	
Bromobenzene	ND	47	9.9	47.4		c-1,3-Dichloropropene	ND	47	8.7	47.4	
Bromochloromethane	ND	95	66	47.4		t-1,3-Dichloropropene	ND	95	90	47.4	
Bromodichloromethane	ND	47	7.0	47.4		Ethylbenzene	ND	47	7.3	47.4	
Bromoform	ND	240	31	47.4		2-Hexanone	ND	950	270	47.4	
Bromomethane	ND	950	88	47.4		Isopropylbenzene	ND	47	5.6	47.4	
2-Butanone	ND	950	450	47.4		p-Isopropyltoluene	ND	47	5.5	47.4	
n-Butylbenzene	ND	47	11	47.4		Methylene Chloride	470	470	250	47.4	J,B
sec-Butylbenzene	ND	47	4.9	47.4		4-Methyl-2-Pentanone	ND	950	96	47.4	
tert-Butylbenzene	ND	47	5.8	47.4		Naphthalene	ND	470	15	47.4	
Carbon Disulfide	ND	470	8.3	47.4		n-Propylbenzene	ND	47	49	47.4	
Carbon Tetrachloride	ND	47	15	47.4		Styrene	ND	47	9.8	47.4	
Chlorobenzene	ND	47	7.1	47.4		1,1,1,2-Tetrachloroethane	ND	47	16	47.4	
Chloroethane	ND	95	20	47.4		1,1,2,2-Tetrachloroethane	ND	95	11	47.4	
Chloroform	ND	47	8.2	47.4		Tetrachloroethene	ND	47	8.0	47.4	
Chloromethane	ND	950	140	47.4		Toluene	ND	47	7.1	47.4	
2-Chlorotoluene	ND	47	5.5	47.4		1,2,3-Trichlorobenzene	ND	95	9.7	47.4	
4-Chlorotoluene	ND	47	4.9	47.4		1,2,4-Trichlorobenzene	ND	95	8.7	47.4	
Dibromochloromethane	ND	95	9.5	47.4		1,1,1-Trichloroethane	ND	47	12	47.4	
1,2-Dibromo-3-Chloropropane	ND	240	170	47.4		1,1,2-Trichloroethane	ND	47	11	47.4	
1,2-Dibromoethane	ND	47	21	47.4		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	470	22	47.4	
Dibromomethane	ND	47	33	47.4		Trichloroethene	2800	95	8.6	47.4	
1,2-Dichlorobenzene	ND	47	6.1	47.4		Trichlorofluoromethane	ND	470	7.4	47.4	
1,3-Dichlorobenzene	ND	47	7.7	47.4		1,2,3-Trichloropropane	ND	95	31	47.4	
1,4-Dichlorobenzene	ND	47	7.3	47.4		1,2,4-Trimethylbenzene	ND	95	5.5	47.4	
Dichlorodifluoromethane	ND	95	9.2	47.4		1,3,5-Trimethylbenzene	ND	95	4.7	47.4	
1,1-Dichloroethane	ND	47	7.5	47.4		Vinyl Acetate	ND	470	350	47.4	
1,2-Dichloroethane	ND	47	8.1	47.4		Vinyl Chloride	ND	47	10	47.4	
1,1-Dichloroethene	ND	47	6.6	47.4		p/m-Xylene	ND	95	9.6	47.4	
c-1,2-Dichloroethene	120	47	13	47.4		o-Xylene	ND	47	5.4	47.4	
t-1,2-Dichloroethene	ND	47	12	47.4		Methyl-t-Butyl Ether (MTBE)	ND	95	6.3	47.4	
1,2-Dichloropropane	ND	47	13	47.4		Hexane	28	47	4.9	47.4	J,B
1,3-Dichloropropane	ND	47	8.3	47.4		Isopropanol	ND	2400	1100	47.4	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	99	71-137				1,2-Dichloroethane-d4	106	58-160			
1,4-Bromofluorobenzene	94	66-126				Toluene-d8	100	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

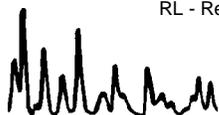
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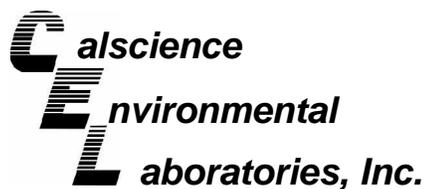
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-90	06-11-0729-14	11/10/06	Solid	11/09/06	11/15/06	061115L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	15	39	5.1	0.787	J,B	2,2-Dichloropropane	ND	3.9	0.36	0.787	
Benzene	0.67	0.79	0.11	0.787	J	1,1-Dichloropropene	ND	1.6	0.17	0.787	
Bromobenzene	ND	0.79	0.16	0.787		c-1,3-Dichloropropene	ND	0.79	0.14	0.787	
Bromochloromethane	ND	1.6	1.1	0.787		t-1,3-Dichloropropene	ND	1.6	1.5	0.787	
Bromodichloromethane	ND	0.79	0.12	0.787		Ethylbenzene	ND	0.79	0.12	0.787	
Bromoform	ND	3.9	0.52	0.787		2-Hexanone	ND	16	4.4	0.787	
Bromomethane	ND	16	1.5	0.787		Isopropylbenzene	ND	0.79	0.093	0.787	
2-Butanone	ND	16	7.5	0.787		p-Isopropyltoluene	ND	0.79	0.091	0.787	
n-Butylbenzene	ND	0.79	0.17	0.787		Methylene Chloride	ND	7.9	4.1	0.787	
sec-Butylbenzene	ND	0.79	0.081	0.787		4-Methyl-2-Pentanone	ND	16	1.6	0.787	
tert-Butylbenzene	ND	0.79	0.097	0.787		Naphthalene	ND	7.9	0.26	0.787	
Carbon Disulfide	ND	7.9	0.14	0.787		n-Propylbenzene	ND	0.79	0.81	0.787	
Carbon Tetrachloride	ND	0.79	0.25	0.787		Styrene	ND	0.79	0.16	0.787	
Chlorobenzene	ND	0.79	0.12	0.787		1,1,1,2-Tetrachloroethane	ND	0.79	0.26	0.787	
Chloroethane	ND	1.6	0.33	0.787		1,1,2,2-Tetrachloroethane	ND	1.6	0.18	0.787	
Chloroform	ND	0.79	0.14	0.787		Tetrachloroethene	ND	0.79	0.13	0.787	
Chloromethane	ND	16	2.3	0.787		Toluene	0.52	0.79	0.12	0.787	J,B
2-Chlorotoluene	ND	0.79	0.092	0.787		1,2,3-Trichlorobenzene	ND	1.6	0.16	0.787	
4-Chlorotoluene	ND	0.79	0.082	0.787		1,2,4-Trichlorobenzene	ND	1.6	0.14	0.787	
Dibromochloromethane	ND	1.6	0.16	0.787		1,1,1-Trichloroethane	ND	0.79	0.20	0.787	
1,2-Dibromo-3-Chloropropane	ND	3.9	2.9	0.787		1,1,2-Trichloroethane	ND	0.79	0.19	0.787	
1,2-Dibromoethane	ND	0.79	0.35	0.787		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.9	0.37	0.787	
Dibromomethane	ND	0.79	0.55	0.787		Trichloroethene	410	2	0.14	0.787	E
1,2-Dichlorobenzene	ND	0.79	0.10	0.787		Trichlorofluoromethane	ND	7.9	0.12	0.787	
1,3-Dichlorobenzene	ND	0.79	0.13	0.787		1,2,3-Trichloropropane	ND	1.6	0.51	0.787	
1,4-Dichlorobenzene	ND	0.79	0.12	0.787		1,2,4-Trimethylbenzene	ND	1.6	0.092	0.787	
Dichlorodifluoromethane	ND	1.6	0.15	0.787		1,3,5-Trimethylbenzene	ND	1.6	0.078	0.787	
1,1-Dichloroethane	0.18	0.79	0.13	0.787	J	Vinyl Acetate	ND	7.9	5.9	0.787	
1,2-Dichloroethane	ND	0.79	0.13	0.787		Vinyl Chloride	2.4	0.8	0.17	0.787	
1,1-Dichloroethene	1.7	0.8	0.11	0.787		p/m-Xylene	ND	1.6	0.16	0.787	
c-1,2-Dichloroethene	36	1	0.22	0.787		o-Xylene	ND	0.79	0.090	0.787	
t-1,2-Dichloroethene	1.3	0.8	0.20	0.787		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.10	0.787	
1,2-Dichloropropane	ND	0.79	0.21	0.787		Hexane	ND	0.79	0.082	0.787	
1,3-Dichloropropane	ND	0.79	0.14	0.787		Isopropanol	ND	39	18	0.787	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	111	71-137				1,2-Dichloroethane-d4	124	58-160			
1,4-Bromofluorobenzene	96	66-126				Toluene-d8	98	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 19 of 29

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-90	06-11-0729-14	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	180	84	7.6	42					
Dibromofluoromethane	101	71-137				1,2-Dichloroethane-d4	105	58-160	
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

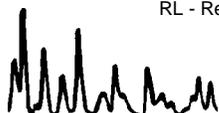
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-95	06-11-0729-15	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	270	42.6		2,2-Dichloropropane	ND	210	19	42.6	
Benzene	ND	43	5.7	42.6		1,1-Dichloropropene	ND	85	9.4	42.6	
Bromobenzene	ND	43	8.9	42.6		c-1,3-Dichloropropene	ND	43	7.8	42.6	
Bromochloromethane	ND	85	59	42.6		t-1,3-Dichloropropene	ND	85	81	42.6	
Bromodichloromethane	ND	43	6.3	42.6		Ethylbenzene	ND	43	6.6	42.6	
Bromoform	ND	210	28	42.6		2-Hexanone	ND	850	240	42.6	
Bromomethane	ND	850	79	42.6		Isopropylbenzene	ND	43	5.1	42.6	
2-Butanone	ND	850	410	42.6		p-Isopropyltoluene	ND	43	4.9	42.6	
n-Butylbenzene	ND	43	9.5	42.6		Methylene Chloride	450	430	220	42.6	B
sec-Butylbenzene	ND	43	4.4	42.6		4-Methyl-2-Pentanone	ND	850	87	42.6	
tert-Butylbenzene	ND	43	5.3	42.6		Naphthalene	ND	430	14	42.6	
Carbon Disulfide	ND	430	7.5	42.6		n-Propylbenzene	ND	43	44	42.6	
Carbon Tetrachloride	ND	43	14	42.6		Styrene	ND	43	8.8	42.6	
Chlorobenzene	ND	43	6.4	42.6		1,1,1,2-Tetrachloroethane	ND	43	14	42.6	
Chloroethane	ND	85	18	42.6		1,1,2,2-Tetrachloroethane	ND	85	9.8	42.6	
Chloroform	ND	43	7.4	42.6		Tetrachloroethene	ND	43	7.2	42.6	
Chloromethane	ND	850	120	42.6		Toluene	ND	43	6.4	42.6	
2-Chlorotoluene	ND	43	5.0	42.6		1,2,3-Trichlorobenzene	ND	85	8.7	42.6	
4-Chlorotoluene	ND	43	4.4	42.6		1,2,4-Trichlorobenzene	ND	85	7.8	42.6	
Dibromochloromethane	ND	85	8.5	42.6		1,1,1-Trichloroethane	ND	43	11	42.6	
1,2-Dibromo-3-Chloropropane	ND	210	160	42.6		1,1,2-Trichloroethane	ND	43	10	42.6	
1,2-Dibromoethane	ND	43	19	42.6		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	430	20	42.6	
Dibromomethane	ND	43	30	42.6		Trichloroethene	2100	85	7.7	42.6	
1,2-Dichlorobenzene	ND	43	5.4	42.6		Trichlorofluoromethane	ND	430	6.7	42.6	
1,3-Dichlorobenzene	ND	43	7.0	42.6		1,2,3-Trichloropropane	ND	85	28	42.6	
1,4-Dichlorobenzene	ND	43	6.6	42.6		1,2,4-Trimethylbenzene	ND	85	5.0	42.6	
Dichlorodifluoromethane	ND	85	8.2	42.6		1,3,5-Trimethylbenzene	ND	85	4.2	42.6	
1,1-Dichloroethane	ND	43	6.8	42.6		Vinyl Acetate	ND	430	320	42.6	
1,2-Dichloroethane	ND	43	7.3	42.6		Vinyl Chloride	ND	43	9.1	42.6	
1,1-Dichloroethene	ND	43	5.9	42.6		p/m-Xylene	ND	85	8.6	42.6	
c-1,2-Dichloroethene	130	43	12	42.6		o-Xylene	ND	43	4.9	42.6	
t-1,2-Dichloroethene	ND	43	11	42.6		Methyl-t-Butyl Ether (MTBE)	ND	85	5.7	42.6	
1,2-Dichloropropane	ND	43	11	42.6		Hexane	26	43	4.4	42.6	J,B
1,3-Dichloropropane	ND	43	7.5	42.6		Isopropanol	ND	2100	970	42.6	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	101	71-137				1,2-Dichloroethane-d4	105	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	100	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

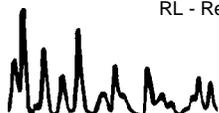
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-100	06-11-0729-16	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2700	340	53.1		2,2-Dichloropropane	ND	270	24	53.1	
Benzene	ND	53	7.1	53.1		1,1-Dichloropropene	ND	110	12	53.1	
Bromobenzene	ND	53	11	53.1		c-1,3-Dichloropropene	ND	53	9.7	53.1	
Bromochloromethane	ND	110	73	53.1		t-1,3-Dichloropropene	ND	110	100	53.1	
Bromodichloromethane	ND	53	7.8	53.1		Ethylbenzene	ND	53	8.2	53.1	
Bromoform	ND	270	35	53.1		2-Hexanone	ND	1100	300	53.1	
Bromomethane	ND	1100	98	53.1		Isopropylbenzene	ND	53	6.3	53.1	
2-Butanone	ND	1100	510	53.1		p-Isopropyltoluene	ND	53	6.1	53.1	
n-Butylbenzene	ND	53	12	53.1		Methylene Chloride	590	530	280	53.1	B
sec-Butylbenzene	ND	53	5.5	53.1		4-Methyl-2-Pentanone	ND	1100	110	53.1	
tert-Butylbenzene	ND	53	6.5	53.1		Naphthalene	ND	530	17	53.1	
Carbon Disulfide	ND	530	9.3	53.1		n-Propylbenzene	ND	53	54	53.1	
Carbon Tetrachloride	ND	53	17	53.1		Styrene	ND	53	11	53.1	
Chlorobenzene	ND	53	8.0	53.1		1,1,1,2-Tetrachloroethane	ND	53	18	53.1	
Chloroethane	ND	110	22	53.1		1,1,2,2-Tetrachloroethane	ND	110	12	53.1	
Chloroform	ND	53	9.2	53.1		Tetrachloroethene	ND	53	9.0	53.1	
Chloromethane	ND	1100	150	53.1		Toluene	ND	53	8.0	53.1	
2-Chlorotoluene	ND	53	6.2	53.1		1,2,3-Trichlorobenzene	ND	110	11	53.1	
4-Chlorotoluene	ND	53	5.5	53.1		1,2,4-Trichlorobenzene	ND	110	9.7	53.1	
Dibromochloromethane	ND	110	11	53.1		1,1,1-Trichloroethane	ND	53	13	53.1	
1,2-Dibromo-3-Chloropropane	ND	270	190	53.1		1,1,2-Trichloroethane	ND	53	13	53.1	
1,2-Dibromoethane	ND	53	24	53.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	530	25	53.1	
Dibromomethane	ND	53	37	53.1		Trichloroethene	1300	110	9.6	53.1	
1,2-Dichlorobenzene	ND	53	6.8	53.1		Trichlorofluoromethane	ND	530	8.3	53.1	
1,3-Dichlorobenzene	ND	53	8.7	53.1		1,2,3-Trichloropropane	ND	110	35	53.1	
1,4-Dichlorobenzene	ND	53	8.2	53.1		1,2,4-Trimethylbenzene	ND	110	6.2	53.1	
Dichlorodifluoromethane	ND	110	10	53.1		1,3,5-Trimethylbenzene	ND	110	5.2	53.1	
1,1-Dichloroethane	ND	53	8.4	53.1		Vinyl Acetate	ND	530	400	53.1	
1,2-Dichloroethane	ND	53	9.0	53.1		Vinyl Chloride	ND	53	11	53.1	
1,1-Dichloroethene	ND	53	7.4	53.1		p/m-Xylene	ND	110	11	53.1	
c-1,2-Dichloroethene	80	53	15	53.1		o-Xylene	ND	53	6.1	53.1	
t-1,2-Dichloroethene	ND	53	13	53.1		Methyl-t-Butyl Ether (MTBE)	ND	110	7.0	53.1	
1,2-Dichloropropane	ND	53	14	53.1		Hexane	37	53	5.5	53.1	J,B
1,3-Dichloropropane	ND	53	9.3	53.1		Isopropanol	ND	2700	1200	53.1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	102	71-137				1,2-Dichloroethane-d4	107	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	98	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

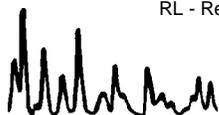
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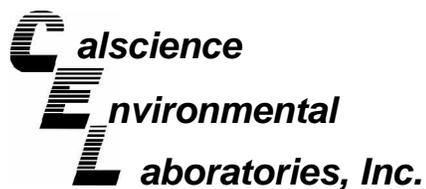
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-40X	06-11-0729-17	11/09/06	Solid	11/09/06	11/15/06	061115L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	51	6.5	1.01	J,B	2,2-Dichloropropane	ND	5.1	0.46	1.01	
Benzene	1.6	1.0	0.14	1.01		1,1-Dichloropropene	ND	2.0	0.22	1.01	
Bromobenzene	ND	1.0	0.21	1.01		c-1,3-Dichloropropene	ND	1.0	0.18	1.01	
Bromochloromethane	ND	2.0	1.4	1.01		t-1,3-Dichloropropene	ND	2.0	1.9	1.01	
Bromodichloromethane	ND	1.0	0.15	1.01		Ethylbenzene	ND	1.0	0.16	1.01	
Bromoform	ND	5.1	0.67	1.01		2-Hexanone	ND	20	5.6	1.01	
Bromomethane	ND	20	1.9	1.01		Isopropylbenzene	ND	1.0	0.12	1.01	
2-Butanone	ND	20	9.7	1.01		p-Isopropyltoluene	ND	1.0	0.12	1.01	
n-Butylbenzene	ND	1.0	0.22	1.01		Methylene Chloride	ND	10	5.2	1.01	
sec-Butylbenzene	ND	1.0	0.10	1.01		4-Methyl-2-Pentanone	ND	20	2.1	1.01	
tert-Butylbenzene	ND	1.0	0.12	1.01		Naphthalene	ND	10	0.33	1.01	
Carbon Disulfide	ND	10	0.18	1.01		n-Propylbenzene	ND	1.0	1.0	1.01	
Carbon Tetrachloride	ND	1.0	0.32	1.01		Styrene	ND	1.0	0.21	1.01	
Chlorobenzene	ND	1.0	0.15	1.01		1,1,1,2-Tetrachloroethane	ND	1.0	0.34	1.01	
Chloroethane	ND	2.0	0.42	1.01		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1.01	
Chloroform	ND	1.0	0.17	1.01		Tetrachloroethene	0.20	1.0	0.17	1.01	J
Chloromethane	ND	20	2.9	1.01		Toluene	0.84	1.0	0.15	1.01	J,B
2-Chlorotoluene	ND	1.0	0.12	1.01		1,2,3-Trichlorobenzene	ND	2.0	0.21	1.01	
4-Chlorotoluene	ND	1.0	0.11	1.01		1,2,4-Trichlorobenzene	ND	2.0	0.18	1.01	
Dibromochloromethane	ND	2.0	0.20	1.01		1,1,1-Trichloroethane	ND	1.0	0.26	1.01	
1,2-Dibromo-3-Chloropropane	ND	5.1	3.7	1.01		1,1,2-Trichloroethane	ND	1.0	0.24	1.01	
1,2-Dibromoethane	ND	1.0	0.45	1.01		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.48	1.01	
Dibromomethane	ND	1.0	0.71	1.01		Trichloroethene	280	2	0.18	1.01	E
1,2-Dichlorobenzene	ND	1.0	0.13	1.01		Trichlorofluoromethane	ND	10	0.16	1.01	
1,3-Dichlorobenzene	ND	1.0	0.16	1.01		1,2,3-Trichloropropane	ND	2.0	0.66	1.01	
1,4-Dichlorobenzene	ND	1.0	0.16	1.01		1,2,4-Trimethylbenzene	ND	2.0	0.12	1.01	
Dichlorodifluoromethane	ND	2.0	0.20	1.01		1,3,5-Trimethylbenzene	ND	2.0	0.10	1.01	
1,1-Dichloroethane	ND	1.0	0.16	1.01		Vinyl Acetate	ND	10	7.5	1.01	
1,2-Dichloroethane	ND	1.0	0.17	1.01		Vinyl Chloride	1.7	1.0	0.22	1.01	
1,1-Dichloroethene	0.48	1.0	0.14	1.01	J	p/m-Xylene	0.27	2.0	0.20	1.01	J
c-1,2-Dichloroethene	54	1	0.29	1.01		o-Xylene	ND	1.0	0.12	1.01	
t-1,2-Dichloroethene	5.9	1.0	0.26	1.01		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1.01	
1,2-Dichloropropane	ND	1.0	0.27	1.01		Hexane	4.9	1.0	0.11	1.01	
1,3-Dichloropropane	ND	1.0	0.18	1.01		Isopropanol	ND	51	23	1.01	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	109	71-137				1,2-Dichloroethane-d4	123	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	98	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-40X	06-11-0729-17	11/09/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual			
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	300	100	9.0	49.8				
Dibromofluoromethane	100	71-137			1,2-Dichloroethane-d4	107	58-160	
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	98	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

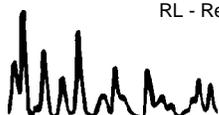
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-26-95X	06-11-0729-18	11/10/06	Solid	11/09/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2200	280	43.4		2,2-Dichloropropane	ND	220	20	43.4	
Benzene	ND	43	5.8	43.4		1,1-Dichloropropene	ND	87	9.6	43.4	
Bromobenzene	ND	43	9.1	43.4		c-1,3-Dichloropropene	ND	43	7.9	43.4	
Bromochloromethane	ND	87	60	43.4		t-1,3-Dichloropropene	ND	87	83	43.4	
Bromodichloromethane	ND	43	6.4	43.4		Ethylbenzene	ND	43	6.7	43.4	
Bromoform	ND	220	29	43.4		2-Hexanone	ND	870	240	43.4	
Bromomethane	ND	870	80	43.4		Isopropylbenzene	ND	43	5.1	43.4	
2-Butanone	ND	870	410	43.4		p-Isopropyltoluene	ND	43	5.0	43.4	
n-Butylbenzene	ND	43	9.6	43.4		Methylene Chloride	510	430	220	43.4	B
sec-Butylbenzene	ND	43	4.5	43.4		4-Methyl-2-Pentanone	ND	870	88	43.4	
tert-Butylbenzene	ND	43	5.4	43.4		Naphthalene	ND	430	14	43.4	
Carbon Disulfide	ND	430	7.6	43.4		n-Propylbenzene	ND	43	44	43.4	
Carbon Tetrachloride	ND	43	14	43.4		Styrene	ND	43	8.9	43.4	
Chlorobenzene	ND	43	6.5	43.4		1,1,1,2-Tetrachloroethane	ND	43	14	43.4	
Chloroethane	ND	87	18	43.4		1,1,2,2-Tetrachloroethane	ND	87	10	43.4	
Chloroform	ND	43	7.5	43.4		Tetrachloroethene	ND	43	7.4	43.4	
Chloromethane	ND	870	130	43.4		Toluene	ND	43	6.5	43.4	
2-Chlorotoluene	ND	43	5.1	43.4		1,2,3-Trichlorobenzene	ND	87	8.9	43.4	
4-Chlorotoluene	ND	43	4.5	43.4		1,2,4-Trichlorobenzene	ND	87	7.9	43.4	
Dibromochloromethane	ND	87	8.7	43.4		1,1,1-Trichloroethane	ND	43	11	43.4	
1,2-Dibromo-3-Chloropropane	ND	220	160	43.4		1,1,2-Trichloroethane	ND	43	10	43.4	
1,2-Dibromoethane	ND	43	19	43.4		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	430	20	43.4	
Dibromomethane	ND	43	30	43.4		Trichloroethene	1100	87	7.9	43.4	
1,2-Dichlorobenzene	ND	43	5.5	43.4		Trichlorofluoromethane	ND	430	6.8	43.4	
1,3-Dichlorobenzene	ND	43	7.1	43.4		1,2,3-Trichloropropane	ND	87	28	43.4	
1,4-Dichlorobenzene	ND	43	6.7	43.4		1,2,4-Trimethylbenzene	ND	87	5.1	43.4	
Dichlorodifluoromethane	ND	87	8.4	43.4		1,3,5-Trimethylbenzene	ND	87	4.3	43.4	
1,1-Dichloroethane	ND	43	6.9	43.4		Vinyl Acetate	ND	430	320	43.4	
1,2-Dichloroethane	ND	43	7.4	43.4		Vinyl Chloride	ND	43	9.3	43.4	
1,1-Dichloroethene	ND	43	6.0	43.4		p/m-Xylene	ND	87	8.7	43.4	
c-1,2-Dichloroethene	70	43	12	43.4		o-Xylene	ND	43	5.0	43.4	
t-1,2-Dichloroethene	ND	43	11	43.4		Methyl-t-Butyl Ether (MTBE)	ND	87	5.8	43.4	
1,2-Dichloropropane	ND	43	12	43.4		Hexane	26	43	4.5	43.4	J,B
1,3-Dichloropropane	ND	43	7.6	43.4		Isopropanol	ND	2200	990	43.4	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	99	71-137				1,2-Dichloroethane-d4	105	58-160			
1,4-Bromofluorobenzene	92	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

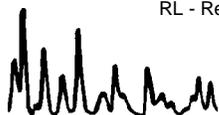
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-13	N/A	Solid	11/11/06	11/11/06	061111L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromochloromethane	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromodichloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromoform	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	ND	1.0	0.15	1	
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	ND	1.0	0.10	1	
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	130	58-160			
1,4-Bromofluorobenzene	102	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

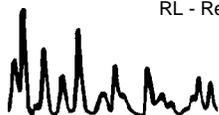
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-15	N/A	Solid	11/13/06	11/13/06	061113L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromochloromethane	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromodichloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromoform	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	8.6	10.0	5.2	1	J
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	ND	1.0	0.15	1	
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	0.15	1.0	0.10	1	J
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	21	50	23	1	J
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	117	71-137				1,2-Dichloroethane-d4	119	58-160			
1,4-Bromofluorobenzene	100	66-126				Toluene-d8	96	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

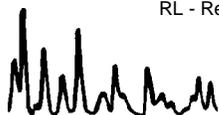
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-16	N/A	Solid	11/13/06	11/13/06	061113L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromochloromethane	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromodichloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromoform	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	820	1000	520	100	J
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	86	1000	33	100	J
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	ND	100	15	100	
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	53	200	20	100	J
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	42	200	18	100	J
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	27	100	15	100	J	1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	2900	5000	2300	100	J
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	112	71-137				1,2-Dichloroethane-d4	112	58-160			
1,4-Bromofluorobenzene	101	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

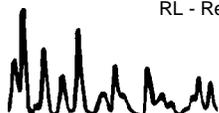
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-19	N/A	Solid	11/15/06	11/15/06	061115L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	50	6.4	1	J	2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		Bromobenzene	ND	1.0	0.21	1	
c-1,3-Dichloropropene	ND	1.0	0.18	1		Bromochloromethane	ND	2.0	1.4	1	
t-1,3-Dichloropropene	ND	2.0	1.9	1		Bromodichloromethane	ND	1.0	0.15	1	
Bromoform	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	0.15	1.0	0.15	1	J
2-Chlorotoluene	ND	1.0	0.12	1		1,1-Dichloropropene	ND	2.0	0.22	1	
1,2,3-Trichlorobenzene	ND	2.0	0.20	1		4-Chlorotoluene	ND	1.0	0.10	1	
1,2,4-Trichlorobenzene	ND	2.0	0.18	1		Dibromochloromethane	ND	2.0	0.20	1	
Ethylbenzene	ND	1.0	0.15	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	ND	1.0	0.10	1	
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	106	71-137				1,2-Dichloroethane-d4	114	58-160			
1,4-Bromofluorobenzene	96	66-126				Toluene-d8	97	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

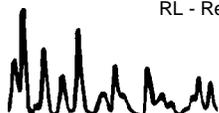
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-20	N/A	Solid	11/14/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromochloromethane	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromodichloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromoform	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	1000	1000	520	100	
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	ND	1000	33	100	
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	30	100	17	100	J	Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	ND	100	15	100	
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	ND	200	20	100	
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	ND	200	18	100	
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	69	100	10	100	J
1,3-Dichloropropane	ND	100	18	100		Isopropanol	ND	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4	107	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	95	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

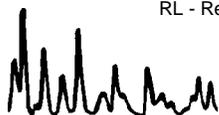
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB-11.09.06	06-11-0729-19	11/09/06	Aqueous	11/10/06	11/10/06	061110L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromochloromethane	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromoform	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
Bromomethane	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
2-Butanone	ND	10	8.0	1		p-Isopropyltoluene	ND	1.0	0.14	1	
n-Butylbenzene	ND	1.0	0.25	1		Methylene Chloride	ND	20	9.7	1	
sec-Butylbenzene	ND	1.0	0.29	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
tert-Butylbenzene	ND	1.0	0.19	1		Naphthalene	ND	10	0.42	1	
Carbon Disulfide	ND	10	1.8	1		n-Propylbenzene	ND	1.0	0.12	1	
Carbon Tetrachloride	ND	0.50	0.29	1		Styrene	ND	1.0	0.16	1	
Chlorobenzene	ND	1.0	0.16	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	1.0	0.70	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloroform	ND	1.0	0.29	1		Tetrachloroethene	0.38	1.0	0.30	1	J
Chloromethane	ND	10	2.1	1		Toluene	ND	1.0	0.23	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	0.78	1.0	0.31	1	J
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	0.84	1.0	0.33	1	J
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	120	74-140				1,2-Dichloroethane-d4	130	74-146			
Toluene-d8	104	88-112				1,4-Bromofluorobenzene	92	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

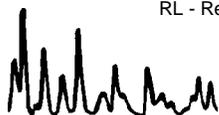
Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB-11.10.06	06-11-0729-20	11/10/06	Aqueous	11/10/06	11/10/06	061110L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromochloromethane	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromoform	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
Bromomethane	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
2-Butanone	ND	10	8.0	1		p-Isopropyltoluene	ND	1.0	0.14	1	
n-Butylbenzene	ND	1.0	0.25	1		Methylene Chloride	ND	20	9.7	1	
sec-Butylbenzene	ND	1.0	0.29	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
tert-Butylbenzene	ND	1.0	0.19	1		Naphthalene	ND	10	0.42	1	
Carbon Disulfide	ND	10	1.8	1		n-Propylbenzene	ND	1.0	0.12	1	
Carbon Tetrachloride	ND	0.50	0.29	1		Styrene	ND	1.0	0.16	1	
Chlorobenzene	ND	1.0	0.16	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	1.0	0.70	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloroform	ND	1.0	0.29	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloromethane	ND	10	2.1	1		Toluene	ND	1.0	0.23	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	0.32	1.0	0.31	1	J
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	0.25	0.50	0.24	1	J
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	0.78	1.0	0.33	1	J
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	120	74-140				1,2-Dichloroethane-d4	131	74-146			
Toluene-d8	104	88-112				1,4-Bromofluorobenzene	94	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

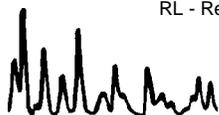
Page 3 of 3

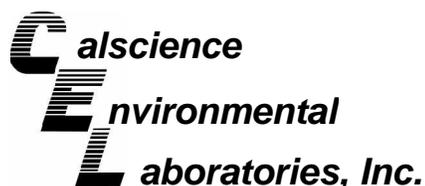
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-19,590	N/A	Aqueous	01/01/95	11/10/06	061110L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromochloromethane	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromoform	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
Bromomethane	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
2-Butanone	ND	10	8.0	1		p-Isopropyltoluene	ND	1.0	0.14	1	
n-Butylbenzene	ND	1.0	0.25	1		Methylene Chloride	ND	10	9.7	1	
sec-Butylbenzene	ND	1.0	0.29	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
tert-Butylbenzene	ND	1.0	0.19	1		Naphthalene	ND	10	0.42	1	
Carbon Disulfide	ND	10	1.8	1		n-Propylbenzene	ND	1.0	0.12	1	
Carbon Tetrachloride	ND	0.50	0.29	1		Styrene	ND	1.0	0.16	1	
Chlorobenzene	ND	1.0	0.16	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	1.0	0.70	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloroform	ND	1.0	0.29	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloromethane	ND	10	2.1	1		Toluene	ND	1.0	0.23	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	ND	1.0	0.33	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	115	74-140				1,2-Dichloroethane-d4	121	74-146			
Toluene-d8	100	88-112				1,4-Bromofluorobenzene	95	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Quality Control - Spike/Spike Duplicate



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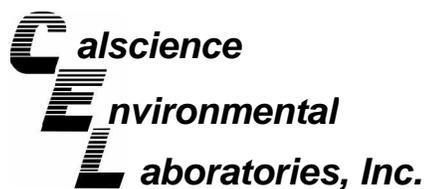
Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B

Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TMP-26-65	Solid	GC/MS X	11/09/06	11/13/06	061113S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	98	40-142	2	0-18	
Carbon Tetrachloride	95	96	37-139	1	0-20	
Chlorobenzene	92	93	43-127	1	0-26	
1,2-Dichlorobenzene	99	99	40-160	1	0-36	
1,1-Dichloroethene	98	96	16-178	2	0-25	
Toluene	92	89	44-128	3	0-15	
Trichloroethene	0	22	47-131	36	0-19	3,4
Vinyl Chloride	88	90	29-161	2	0-42	
Methyl-t-Butyl Ether (MTBE)	118	117	42-150	1	0-34	
Tert-Butyl Alcohol (TBA)	107	112	61-109	5	0-47	3
Diisopropyl Ether (DIPE)	102	92	73-133	9	0-25	
Ethyl-t-Butyl Ether (ETBE)	106	106	73-132	0	0-25	
Tert-Amyl-Methyl Ether (TAME)	105	103	82-120	2	0-25	
Ethanol	86	83	39-117	3	0-99	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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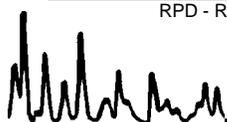
Date Received: 11/10/06
Work Order No: 06-11-0729
Preparation: EPA 5030B
Method: EPA 8260B

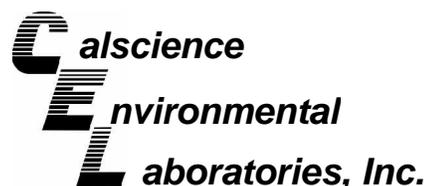
Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-11-0667-1	Aqueous	GC/MS T	11/10/06	11/10/06	061110S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	100	88-118	2	0-7	
Carbon Tetrachloride	110	108	67-145	1	0-11	
Chlorobenzene	104	105	88-118	1	0-7	
1,2-Dichlorobenzene	107	104	86-116	3	0-8	
1,1-Dichloroethene	94	92	70-130	3	0-25	
Toluene	106	103	87-123	4	0-8	
Trichloroethene	104	103	79-127	1	0-10	
Vinyl Chloride	86	87	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	105	105	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	118	121	36-168	2	0-45	
Diisopropyl Ether (DIPE)	97	99	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	99	100	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	110	72-126	0	0-12	
Ethanol	109	106	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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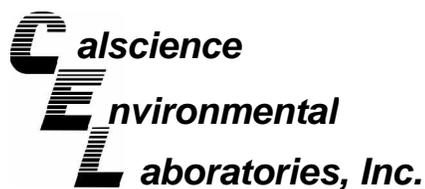
Date Received: N/A
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-13	Solid	GC/MS X	11/11/06	11/11/06	061111L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	85-115	3	0-11	
Carbon Tetrachloride	112	108	68-134	4	0-14	
Chlorobenzene	101	97	83-119	4	0-9	
1,2-Dichlorobenzene	101	98	57-135	3	0-10	
1,1-Dichloroethene	116	111	72-120	4	0-10	
Toluene	98	97	67-127	1	0-10	
Trichloroethene	107	100	88-112	6	0-9	
Vinyl Chloride	103	97	57-129	6	0-16	
Methyl-t-Butyl Ether (MTBE)	122	113	76-124	8	0-12	
Tert-Butyl Alcohol (TBA)	119	107	31-145	10	0-23	
Diisopropyl Ether (DIPE)	101	110	74-128	8	0-10	
Ethyl-t-Butyl Ether (ETBE)	110	111	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	116	113	81-123	2	0-10	
Ethanol	113	113	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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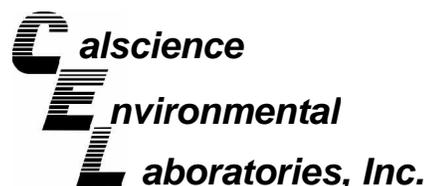
Date Received: N/A
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-15	Solid	GC/MS X	11/13/06	11/13/06	061113L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	100	85-115	4	0-11	
Carbon Tetrachloride	99	100	68-134	1	0-14	
Chlorobenzene	93	94	83-119	1	0-9	
1,2-Dichlorobenzene	101	105	57-135	4	0-10	
1,1-Dichloroethene	95	96	72-120	1	0-10	
Toluene	90	93	67-127	3	0-10	
Trichloroethene	92	93	88-112	1	0-9	
Vinyl Chloride	88	92	57-129	4	0-16	
Methyl-t-Butyl Ether (MTBE)	117	110	76-124	6	0-12	
Tert-Butyl Alcohol (TBA)	88	99	31-145	12	0-23	
Diisopropyl Ether (DIPE)	96	94	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	107	108	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	105	81-123	3	0-10	
Ethanol	90	88	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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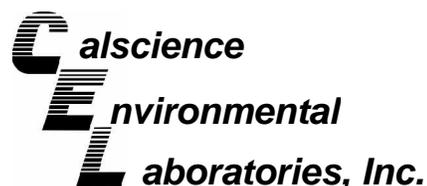
Date Received: N/A
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-16	Solid	GC/MS X	11/13/06	11/13/06	061113L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	100	85-115	4	0-11	
Carbon Tetrachloride	99	100	68-134	1	0-14	
Chlorobenzene	93	94	83-119	1	0-9	
1,2-Dichlorobenzene	101	105	57-135	4	0-10	
1,1-Dichloroethene	95	96	72-120	1	0-10	
Toluene	90	93	67-127	3	0-10	
Trichloroethene	92	93	88-112	1	0-9	
Vinyl Chloride	88	92	57-129	4	0-16	
Methyl-t-Butyl Ether (MTBE)	117	110	76-124	6	0-12	
Tert-Butyl Alcohol (TBA)	88	99	31-145	12	0-23	
Diisopropyl Ether (DIPE)	96	94	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	107	108	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	105	81-123	3	0-10	
Ethanol	90	88	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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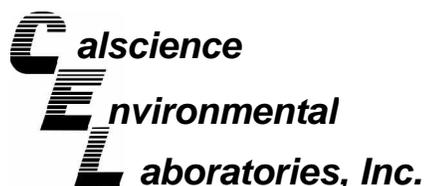
Date Received: N/A
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-20	Solid	GC/MS X	11/14/06	11/14/06	061114L04

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	95	95	85-115	0	0-11	
Carbon Tetrachloride	99	100	68-134	1	0-14	
Chlorobenzene	95	95	83-119	0	0-9	
1,2-Dichlorobenzene	96	94	57-135	2	0-10	
1,1-Dichloroethene	94	96	72-120	3	0-10	
Toluene	93	93	67-127	1	0-10	
Trichloroethene	99	99	88-112	1	0-9	
Vinyl Chloride	99	94	57-129	6	0-16	
Methyl-t-Butyl Ether (MTBE)	100	98	76-124	2	0-12	
Tert-Butyl Alcohol (TBA)	100	92	31-145	9	0-23	
Diisopropyl Ether (DIPE)	101	101	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	100	77-125	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	100	99	81-123	1	0-10	
Ethanol	102	100	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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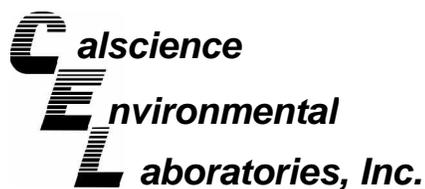
Date Received: N/A
Work Order No: 06-11-0729
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-19	Solid	GC/MS X	11/15/06	11/15/06	061115L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	94	85-115	2	0-11	
Carbon Tetrachloride	98	100	68-134	2	0-14	
Chlorobenzene	98	98	83-119	0	0-9	
1,2-Dichlorobenzene	98	97	57-135	0	0-10	
1,1-Dichloroethene	99	97	72-120	3	0-10	
Toluene	95	95	67-127	0	0-10	
Trichloroethene	97	99	88-112	2	0-9	
Vinyl Chloride	93	92	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	103	106	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	100	107	31-145	7	0-23	
Diisopropyl Ether (DIPE)	106	96	74-128	10	0-10	
Ethyl-t-Butyl Ether (ETBE)	99	102	77-125	3	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	102	81-123	1	0-10	
Ethanol	103	106	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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Date Received: N/A
Work Order No: 06-11-0729
Preparation: EPA 5030B
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-19,590	Aqueous	GC/MS T	11/10/06	11/10/06	061110L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	100	84-120	1	0-8	
Carbon Tetrachloride	110	109	63-147	0	0-10	
Chlorobenzene	101	103	89-119	2	0-7	
1,2-Dichlorobenzene	104	105	89-119	1	0-9	
1,1-Dichloroethene	92	94	77-125	1	0-16	
Toluene	103	103	83-125	0	0-9	
Trichloroethene	103	101	89-119	2	0-8	
Vinyl Chloride	87	89	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	105	105	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	111	113	46-154	2	0-32	
Diisopropyl Ether (DIPE)	100	101	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	102	101	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	108	76-124	2	0-10	
Ethanol	102	100	60-138	3	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 06-11-0729

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

